

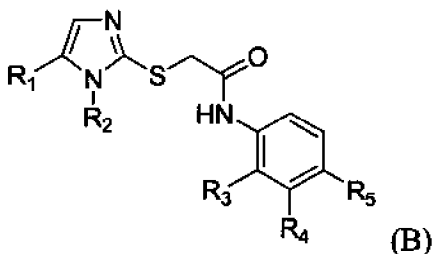
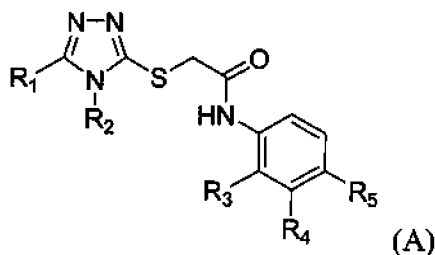
**Amendments to the Claims**

The following listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-21. (canceled)

22. (withdrawn) A method of treating an HIV infected patient comprising administering to the patient a pharmaceutical composition comprising a compound in a dose effective to reduce viral propagation wherein the compound has a structure according to Formula (A) or Formula (B)



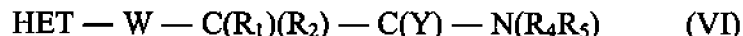
wherein R<sub>1</sub> is optionally substituted lower alkyl, halogen, or CF<sub>3</sub>,

R<sub>2</sub> is optionally substituted cycloalkyl, optionally substituted aryl, optionally substituted quinoline, or optionally substituted isoquinoline; and

R<sub>3</sub>, R<sub>4</sub>, and R<sub>5</sub> are independently hydrogen, halogen, optionally substituted alkyl, S-alkyl, CF<sub>3</sub>, heterocycle, NR'R'', S(O)<sub>2</sub>R', or C(O)R', and wherein R' and R'' are independently NH<sub>2</sub>, NHAalkyl, NHAacyl, NAlkylAcyl, N(Alkyl)<sub>2</sub>, O-alkyl, acyl, aryl, alkyl, heterocycle, or R' and R'' form a ring.

23-42. (canceled)

43. (currently amended) A compound having a structure according to Formula (VI)



wherein HET ~~comprises~~ is covalently bound to W and also is a disubstituted 1,2,4-triazole or a disubstituted imidazole, wherein at least one of the two substituents of the 1,2,4-triazole or imidazole ~~HET~~ is a substituted aryl that, ~~and wherein the substituted aryl~~ is covalently bound to a nitrogen of the 1,2,4-triazole or imidazole ~~HET~~;

W is O, S, S(O), S(O)<sub>2</sub>, NH, NR<sub>1</sub> or CH<sub>2</sub>;

R<sub>1</sub> and R<sub>2</sub> are independently hydrogen, lower alkyl, lower alkenyl, lower alkynyl, halogen, OH, SH, NH<sub>2</sub>, N<sub>3</sub>, O-alkyl, or CH<sub>2</sub>OH;

Y is O, S, or NR<sub>3</sub>, wherein R<sub>3</sub> is hydrogen, lower alkyl, lower alkenyl, lower alkynyl, ~~or~~ hydroxy, O-alkyl, or CH<sub>2</sub>OH;

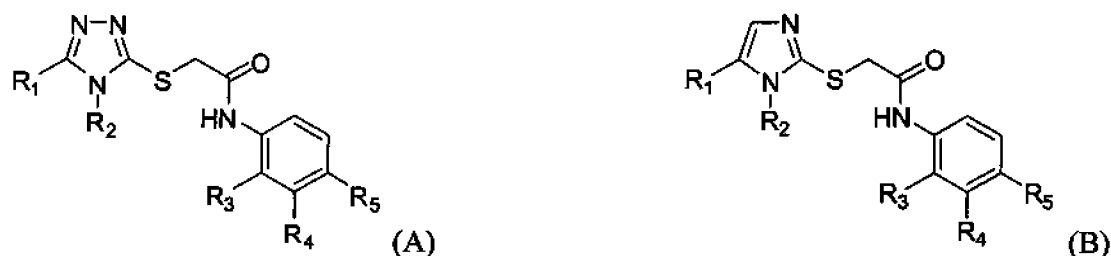
R<sub>4</sub> is hydrogen, lower alkyl, lower alkenyl, or lower alkynyl; and

R<sub>5</sub> is an ortho-substituted phenyl, which is optionally further substituted, or a pharmacologically acceptable salt thereof.

44. (currently amended) The compound of claim 43 wherein R<sub>1</sub>, R<sub>2</sub>, and R<sub>4</sub> are hydrogen, and wherein one substituent of the 1,2,4-triazole or imidazole ~~HET~~ is an optionally substituted lower alkyl or halogen and the other substituent is a substituted aryl that is covalently bound to a nitrogen of the 1,2,4-triazole or imidazole.

45. (original) The compound of claim 44 wherein Y is O.

46. (withdrawn – currently amended) A compound having a structure according to Formula (A) or (B)



wherein  $R_1$  is optionally substituted lower alkyl, or halogen,

$R_2$  is selected from the group consisting of a monosubstituted phenyl, a disubstituted phenyl, a trisubstituted phenyl, a monosubstituted naphthyl, a disubstituted naphthyl, a trisubstituted naphthyl, a monosubstituted quinoline, a disubstituted quinoline, a trisubstituted quinoline, a monosubstituted isoquinoline, a disubstituted isoquinoline, and a trisubstituted isoquinoline; and

$R_3$ ,  $R_4$ , and  $R_5$  are independently hydrogen, halogen, optionally substituted alkyl, S-alkyl,  $CF_3$ , heterocycle,  $NR'R''$ ,  $S(O)_2R'$ , or  $C(O)R'$ , and wherein  $R'$  and  $R''$  are independently  $NH_2$ ,  $NHAlkyl$ ,  $NHAcyl$ ,  $NAlkylAcyl$ ,  $N(Alkyl)_2$ , O-alkyl, acyl, aryl, alkyl, heterocycle, or  $R'$  and  $R''$  form a ring,

or a pharmacologically acceptable salt thereof.

47. (canceled)

48. (withdrawn) The compound of claim 46 wherein the at least one of the substituents of the substituted aryl is an optionally substituted lower alkyl,  $CF_3$ , a lower alkoxy, a halogen, or  $NR'R''$ , wherein  $R'$  and  $R''$  is H or lower alkyl.

49. (withdrawn) The compound of claim 48, wherein at least one of  $R_4$  and  $R_5$  is not hydrogen.

50. (new) The compound of claim 43, wherein the substituted aryl is an aryl that is substituted with one or more hydroxyl, thiol, alkylthiol, halogen, alkoxy, amino, amido,

nitro, carboxyl, cycloalkyl, heterocycle, cycloheteroalkyl, acyl, carboxyl, aryl, aryloxy, heteroaryl, arylalkyl, heteroarylalkyl, alkyl, alkenyl, alkynyl, or cyano.

51. (new) The compound of claim 43, wherein the ortho-substituted phenyl is a phenyl that is ortho-substituted with one or more hydroxyl, thiol, alkylthiol, halogen, alkoxy, amino, amido, nitro, carboxyl, cycloalkyl, heterocycle, cycloheteroalkyl, acyl, carboxyl, aryl, aryloxy, heteroaryl, arylalkyl, heteroarylalkyl, alkyl, alkenyl, alkynyl, or cyano.

52. (new) The compound of claim 43, having the following chemical structure

